GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1276
ANSWERED ON:09.02.2017
Power Plants by NTPC
Kushwaha Shri Ram Kumar Sharma;Reddy Shri J.C. Divakar

Will the Minister of POWER be pleased to state:

(a) the details of the power plants under National Thermal Power Corporation (NTPC) and the target fixed for power production and actual quantum of power being produced by them, Power Plant-wise;

(b) whether NTPC is currently modernizing its power plants and if so, the details thereof, including the original construction cost of these plants and the cost of modernization, plant-wise;

(c) the estimated increase in quantum of power to be produced by these plants as well as the likely increase in the cost of power production after renovation; and

(d) whether the Union Government has assessed the future power requirements of the country and if so, the details thereof and the steps being taken for creating additional power to meet the requirements of various States?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) : The requisite details of the Power Plants under National Thermal Power Corporation (NTPC) and the target fixed for power production and the actual quantum of power being produced by them is given at Annex-I.

(b) & (c) : NTPC has adopted need based Renovation schemes which are aimed at addressing the issues of technological obsolescence, compliance to statutory/environmental norms, life extension of components, sustenance of existing performance levels, etc. in its old power plants. The schemes are need based and do not envisage the augmentation of production capacity. Presently, complete modernization of a power plants is not envisaged.

(d) : Yes, Madam, Government has estimated the State/UT wise power consumption of electrical energy under 19th Electric Power Survey (EPS). The details of power required, year-wise from 2016-2017 to 2021-22 is given at Annex-II. As per the Draft National Electricity Policy (NEP), the expected Generation capacity would be around 523 GW by March 2022 (inclusive of 175 GW of capacity from Renewable Energy Sources). This is expected to meet the Peak Demand and Energy Demand of 2021-22.
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